developing

THE NEW YORK TIMES, SUNDAY, AUGUST 20, 1967

Russia May Be Testing 1 the Re-Entry of Weapons From Space

entering warheads from space. has led some American This could mean that the Rus-WASHINGTON, Aug. testing by the Soviet Unlon Russians officials for respace

sians are develop to be stationed in tional weapons. ested with or without the use weapons, and either nuclear flights began last Sepwhat techniques 9 weapons it. Weapsame convenunusual can

days ago. secrecy even for the Russians. tember in The most recent of seven made

U.N. Resolution Recalled

Launching site is at cross.

discussed the possibility of sta-tioning weapons in orbit. The ercept other missiles launched ombs, deas Since before the space age proposed missiles that could ininspection-interceptor this ssibility of sta. adopted by the General Assem-officis in orbit. The bly in 1963 with Soviet sup-cern have included port, calls upon all states to re-finall that could in-frain from placing weapons of ficial mass destruction in

A United Nations resolution, But the question of whether them is prohbits the development Ev

H.NOS CHAN UNION Not until

hicle was observed by Western tracking stations to break into launching of either vehicle, 1966, a similar shot was made. Russia did least 80 pieces. On Nov. Soon after launching,

flights, according officials. series to it has ខ cosmos satel-American military

TOUL

officials disclosed finally cern over these two catalogue listing them in even their

Stapper that, some 8 bit around the earth." on the first or any other ordeliver nuclear warheads

nation to the equator was dif-sumable Kazakhstan. Its angle of incli-the flight as Cosmos to be a test of such a weapon. was made from duct a launching that appeared of pieces however, did the Russians con-That flight, on Sept. 17, 1966, Tyuratam in

the ve-

NV

in December, 1966, American ong used its so-space.

en though erable warheads for missiles— announced warheads that can alter thei con-mos number. since. Each was given a Cospeated at least four more times

flights, Both the United States and "We think the time is getting an of Russia are developing maneuv-ripe again," he said, "to look though erable warheads for missiles—at the whole question because ounced warheads that can alter their the costs of putting things in experimented come down significantly." matically, have so that gone

ers boasted in November, 1965, finally begun tests of the re-extensively of an "orbital missile" that entry of warheads from orbit control of last September, angle. sia again On Jan. Tyuratam at a 49-degree This one apparently did launched 25 of this year, Rus-

with its secret military flights.

Many of the

techniques have

satellite

from orbital trajectorles, even

vehicles

control

with the re-entry

flight for a very short time.

In the past, objection of bombs pre-stationing of bombs in or leeptor missiles in or ones had. But it remained in not break into a great number as the two reconnaissance flights, however flihgts and in military in the Gemini civilian manned been explored In the past, objections to the

ferent from that of any previous detection and discussion of the not report the that the satellite would take to did not report a period for Cos-mos 139—the length of time not exist. less to pretend such two earlier flights made it use-pletely aside from But Soviet announcements flights did considerations, critics have ar and been many and varied. vulnerable and gued that orbiting systems are

al-complete each revolution 5 siles. secretive than earth-based mis

some are costly and

efficient

flights at 49 degrees from the March that studics of a space-Tyuratam base have been re-based anti-micellaabandoned three years ago then a Pentagon scientist, re-minded Congressmen late last costly." cause the work was "much But Dr. Charles M. Herzfeld

the over-al

in orbit

the politica